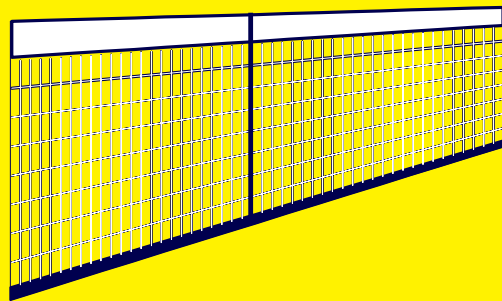


2017 - 2018



Tennis  
Officials  
Packet

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**For additional information related to sports medicine issues concerning athletic participation, please click the “Sports Medicine” tab on the opening page of our website.**

## My Officials' Packet! Where is it?

1. Go to [www.wvssac.org](http://www.wvssac.org)
2. On the SSAC homepage look on the right side of the screen. Locate and click on the link Officials
3. Once the Officials page opens look for Officials Packets and click on the sport. Example: Football Officials Packet

## How Do I Login To The Officials' Management Page?

1. Go to [www.wvssac.org](http://www.wvssac.org)
2. Go to Admin Login (Located in the left-hand corner of the homepage)
3. Type in your Username and Password. Username is your Registration number (Ex: AP1234).  
Password: Use password from the previous year or your last name all lower case letters. Remember passwords are case sensitive.
4. Click on Login, and then you are on the Officials' Management Page

**NOTE:** Before you attempt to login to the Arbiter Hub (WV Central Hub Site) you must have completed the instructions listed above. **The upload to Arbiter Sports (WV Central Hub) is not instantaneous. After you have completed the instructions above, you must wait to be uploaded to the WV Central Hub/Arbiter Site.**

If you have more than one account (local board associations, other states, etc.) with Arbiter Sports **YOU** must make sure the e-mail address and password you have entered in as an official for the WVSSAC is the same to prevent log in errors on the WV Central Hub site for your test.

## How to Login to the WV Central Hub/Arbiter Site for Part 1 and Part 2 Tests:

1. Go to [www.arbitersports.com](http://www.arbitersports.com)
2. Click on Login (Located in the upper right-hand corner)
3. Enter your email address and password
4. Click Sign in
5. If you have trouble trying to sign-in, please contact Arbiter at 1-800-311-4060.

## How to Login to Register Online on the WV Central Hub/Arbiter Site:

1. Go to [www.arbitersports.com](http://www.arbitersports.com)
2. Click on Login (Located in the upper right-hand corner)
3. Enter your email address and password
4. Click Sign-in
5. If you have trouble trying to sign-in, please contact Arbiter at 1-800-311-4060.
6. Click Make Payment button only 1 time.
7. Keep e-mail confirmation from Pro Pay as your receipt.

# WEST VIRGINIA SECONDARY SCHOOL ACTIVITIES COMMISSION



2875 Staunton Turnpike, Parkersburg, WV 26104-7219

TELEPHONE: 304-485-5494  
FAX NUMBER: 304-428-5431

E-MAIL: [wvssac@wvssac.org](mailto:wvssac@wvssac.org)  
WEB SITE: [www.wvssac.org](http://www.wvssac.org)



## BULLETIN

TO: Tennis Officials  
FROM: Greg Reed, Assistant Executive Director  
SUBJECT: 2018 Season

Enclosed are the following:

1. Officials' Handbook is now online.
2. Game Suspension Guidelines.
3. 2018 Officials Registration Form.

**2018 - 2019  
TENNIS OFFICIALS  
REGISTRATION FORM**

**Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**City:** \_\_\_\_\_ **State** \_\_\_\_\_ **Zip:** \_\_\_\_\_

**Home Phone:** \_\_\_\_\_ **Be sure to list area code**

**Business Phone:** \_\_\_\_\_ **Be sure to list area code**

**Cell Phone :** \_\_\_\_\_

**E-mail Address:** \_\_\_\_\_

**Social Security Number:** \_\_\_\_\_

**Please complete and mail this form in on or before June 15, 2018.**

**Submission of this form registers you as a tennis official for the 2018-19 tennis season.**

**Please send this form to:**

**WVSSAC  
2875 Staunton Turnpike  
Parkersburg, WV 26104**

**You may E-mail this form to [roberta.newton@wvssac.org](mailto:roberta.newton@wvssac.org)**

**WEST VIRGINIA SECONDARY SCHOOL ACTIVITIES COMMISSION  
OFFICIALS' HANDBOOK**

**Index**

**NOTE: It is the responsibility of every official to know the rules set forth by this office that are contained in the Officials' Handbook and to abide by those rules.**

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## Summary of Important Changes for 2018 Edition of *Friend at Court* ITF Rules of Tennis

There are relatively few significant changes to the 2018 edition of the *Friend at Court*, most of which relate to innovations in alternative scoring formats and improvements in procedures for tournament administration.

### ITF Rules of Tennis

[p. 21] A note at the end of Appendix I states that the Stage 1 (Green) ball, which had been allowed on a trial basis, now may be used for all levels of competitive play except for world ranking professional tennis events, Davis Cup and Fed Cup, Junior Tournaments and Team events sanctioned by the ITF and affiliated Regional Associations, ITF Senior Circuit and Team events and ITF Wheelchair Circuit and Team events. Each National Association including the USTA has the right to decide which national competitive events should use the Stage 1 (Green) ball.

[p. 23] Appendix V.1. “Short” Sets now defines the conventional short set as the first to win four games by a margin of two with a tiebreak at 4-all. It adds the option to the USTA to use short sets comprised of the first to win three games by a margin of two with a tiebreak at 3-all. The USTA’s authorization for use of this option is already found in USTA Regulation I.E., which authorizes alternative match formats in general. Results of these matches count for ranking unless prohibited by the applicable ranking regulations.

[p. 23] Appendix V.2. Short Set Tie-Break adds the option to the USTA to replace the conventional Set Tiebreak in a Short Sets Match with a Short Set Tiebreak in which the first to win five points wins the “Game” and “Set.” Players change sides after four points. A deciding point is played at 4-all. The sanctioning body determines the order and number of serves. The USTA’s authorization for use of this option is already found in USTA Regulation I.E., which authorizes alternative match formats in general. Results of these matches count for ranking unless prohibited by the applicable ranking regulations.

[p. 24] A new paragraph was added to Appendix V [The Let During a Service (Rule 22) “No Let” Rule] giving the USTA the option to modify the No Let Rule in doubles using Short Sets to allow either player on the receiving team to return a serve that touches the net, strap, or band and lands within the correct service box. The USTA’s authorization for use of this option is already found in USTA Regulation I.E., which authorizes alternative match formats in general. Results of these matches count for ranking unless prohibited by the applicable ranking regulations.

[p. 61] USTA Regulation II.A.4.a. now explicitly allows ratings to be used as the basis for the Computerized List Method of seeding.

[p. 61] USTA Regulation II.A.4.b. now explicitly states that ratings are considered by the All Factors Method of seeding.

[p. 70] USTA Regulation II.B.4.g. was amended to provide a simpler discretionary three-step procedure for separating opponents to avoid matches that bring together first-match opponents from the same area, club, school, family, or doubles team.

[p. 76] USTA Regulation II.B.7.a.iv. now authorizes flighting players in all divisions and not just the junior divisions.

[p. 92] The previous term “Unplayed Match” was replaced with the term “Cancelled Match” in Table 10 to describe a match that the Referee decides will not be started for any reason other than a withdrawal, walkover, default, or retirement. There is no winner or loser of a Cancelled Match.

[p. 101] USTA Regulation III.G.2 was revised to add Short Sets as a format that the Referee may use so that a tournament may be completed on time.

[p. 117] USTA Regulation V.A.1 was amended to require that a Tournament Committee deliver draw sheets to USTA within three days after completion of the tournament instead of seven days.

[pp. 137] USTA Regulation X.E.5.c. was added to explicitly state that the system for Adult, Senior, and Family National Rankings awards ranking points to a player in an abandoned or cancelled match based on the last round in which the player won a match.

[pp. 144] USTA Regulation XIII.B.1.b. was amended to add Category III USTA Wheelchair Tournaments as another category of tournaments included on the Wheelchair National Tournament Schedule.

[p. 149] USTA Regulation XIII.C.6.b. was amended to allow the Wheelchair Tennis Committee, in consultation with the Adult Tennis Department, to determine the relative ranking weights of National Ranking Tournaments and publish them in Table 21.

[p. 150] USTA Regulation XIII.C.6.e. was added to explicitly state that the system for Wheelchair National Rankings awards ranking points to a player in an abandoned or cancelled match based on the last round in which the player won a match.

## 127-4-3 Code for Interscholastic Athletics

3.7. *Statement of Policy.* Insofar as unsportsmanlike actions by students, school administrators, officials, coaches, faculty members, and spectators are concerned, the identical items under the Sportsmanship Rule along with the following guides will be referred to by the WVSSAC:

3.7.a. The school whose coach behaves in a manner likely to have adverse influence on the attitudes of students or spectators may be provided with the choice of taking disciplinary action against that coach or having the entire school disciplined by the WVSSAC.

3.7.b. Any student who in protest lays hands or attempts to lay hands upon an official may be declared ineligible by the principal or by the WVSSAC for up to one year. Any student who strikes an opponent, coach, or a spectator during or following an athletic event may be declared ineligible by the principal or the WVSSAC for a specified period of time up to one year, depending on the seriousness of the act.

3.7.c. Any coach, student, or bench personnel ejected by an official will be suspended for the remainder of the game, match, meet or contest. The coach, student, or bench personnel ejected by an official will also be suspended in additional contest(s): the suspension will be assessed based upon ten (10) percent of the allowed regular season contests or post season progression in a playoff tournament for each sport. Any tenth of a percentage from .1 to .4 will be a suspension equal to the whole number of the percent. Any tenth from .5 to .9 will be an additional contest added to the whole number. The suspension will include the number of indicated contests in that sport and at that level and all other sport contests in the interim at any level. A second ejection will result in the doubling of the suspension assessed for the first ejection. If an individual is ejected for a third time during the same sport season, the individual will be suspended from participating or coaching for 365 calendar days from the date of ejection. In accordance with rule 127-3-15.3, an individual ejected by an official may not appeal that ejection, or any subsequent suspension that is a consequence of the ejection by an official..

3.7.c.1. Any coach, player or bench personnel who has been ejected shall not be permitted to attend any contest(s) during said suspension. He/she shall not be affiliated with the team in any capacity. This would include but not be limited to transportation to or from the contest, meeting with the team before, during or after said contest. He/she is not permitted to be in sight or sound of said contest venue. Regular practice or team meetings not affiliated with a contest are permitted.

3.7.c.2. If suspensions are imposed to a student or bench personnel at the end of the sport season and no contest remains, the suspension is carried over to that particular sport until the next school year. In the case of a senior student, the penalty will continue to the next WVSSAC sponsored sport.

3.7.c.3. Any coach suspension that cannot be enforced during the sport season in which the ejection occurs will be enforced at the beginning of the next season of that same sport.

3.7.d. In case of spectators physically molesting an official, administrator, coach, or student, the school may be given one of two options: 1) file charges against the offender (s) or 2) accept discipline from the WVSSAC. Any person found guilty of W.Va. Code §61-2-15(a) Assault, Battery on Athletic Officials, while these individuals are working or as a result of working an athletic contest, shall be banned from all WVSSAC athletic events for a minimum of 365 days from the date of being found guilty. The school filing charges shall notify the WVSSAC of the incident and outcome of any legal action.

3.7.e. The school that does not lend complete cooperation in the host school's effort to promote the spirit of good sportsmanship may be disciplined by the WVSSAC.

3.7.f. A coach may be considered as committing unsportsmanlike conduct if they make degrading remarks about officials during or after a game either on the field of play, from the bench, or through any public news media, argues with officials, or goes through motions indicating dislike for a decision, protests the decision and actions of officials pertaining to the game during and after the contest, or detains the official on the field of play following a game to request a ruling or explanation of some phase of the game. If a coach feels he/she has a legitimate criticism of a penalty call or a request for a rule interpretation, such criticism or request should be made in the privacy of the coach's office or the official's quarters and should be made in a courteous manner.

3.7.g. A student or team attendant shall not leave the bench area, team box area, or their designated off-field area during a game or contest other than during that time permitted by game or contest rules. A coach shall not leave the bench area, team box area, or the designated off-field area during a game or contest other than during that time permitted by game or contest rules unless a student altercation is taking place and the official requests assistance. Violation of this rule shall cause the coach, student, or team attendant to be immediately ejected from the contest, team penalized according to game or contest rules and that coach, student, or team attendant will not be eligible to participate in the next contest as outlined in §127-4-2.3.

3.8. Procedure. Unsportsmanship action must be reported in detail to the WVSSAC. A copy of the complaint must also be filed with the principal of the school involved. Each principal involved shall report such information or answers to the report as they deem appropriate. Upon receipt of all reports, the Executive Director and/or the Board of Directors of the WVSSAC shall investigate and adjudicate such reports in accordance with the powers afforded in §127-1-8.6 and 8.7 and §127-1-12.2 and 12.3 of the Constitution. Penalties up to and including suspension of member schools may be made in accordance with §127-4.

3.9. The following defines the different types of disciplinary action which may be assessed for violation of any WVSSAC rule by a member school, administrator, coach, athlete or contest official:

3.9.a. *Warning.* A warning may be given by the Executive Director or Assistant Executive Director. It is official notice that an inexcusable, unethical, or unsportsmanship action has occurred, is a matter of record, and that such an occurrence must not be repeated.

3.9.b. *Probation.* Probation is a much more severe type of warning and may be expressed two ways: 1) a school, coach, student, or team attendant on probation is told that further violations will lead to a fine or suspension; and/or 2) a school on probation is on conditional WVSSAC membership but may engage in its regular schedule, sanctioned events, and all WVSSAC tournament play, providing a program is filed with the Executive Director of the WVSSAC indicating measures to be taken to alleviate this problem which caused the school to be placed on probation.

3.9.c. *Suspension.* A school/coach suspended from the WVSSAC may not meet in interscholastic competition of any kind with a WVSSAC member school or a school that is a member of another state associated with the National Federation of State High School Associations.

3.9.d. *Fine.* A fine may be levied by the Executive Director.

3.9.e. Each of these sanctions (Warning, Probation, suspension and Fine) may be imposed or levied separately, or in a combination of one or more sanctions.

3.10 *Appeals.* All cases involving disciplinary action against member schools, coaches, students, team attendants, or officials may be protested in accordance with §127-6. However, disciplinary action imposed by an official, including disciplinary action that is a consequence of a decision by an official, such as a suspension for an additional game or games as a consequence of an ejection, is governed by rule 127-3-15.3 and is not subject to appeal.

3.11 *Review of Ejections.* Disciplinary action imposed by a contest official, including disciplinary action that results in a suspension for an additional game or games as a consequence of an ejection, is not subject to appeal pursuant to Rule §127-6. However, if the individual ejected believes the ejection was improper, he/she may request a review of the ejection by his/her principal. If the principal believes there is merit in the requested review, the principal shall complete and submit the WVSSAC Ejection Review Form within 24 hours or the next business day of the ejection to the Executive Director of the WVSSAC. If a review is properly requested, the WVSSAC will review the officials' special report, the WVSSAC Ejection Review Form, and such other information as the WVSSAC deems appropriate. Upon review, the WVSSAC Executive Director or the designated Assistant Director will either sustain the ejection and any consequent suspension(s), or will determine the ejection was improper and void any consequent suspension(s). A decision by the WVSSAC upon reviewing an ejection is not subject to appeal pursuant to Rule §127-6.



**National Federation of State  
High School Associations**



## **NFHS GUIDELINES ON HANDLING PRACTICES AND CONTESTS DURING LIGHTNING or THUNDER DISTURBANCES**

**National Federation of State High School Associations (NFHS)  
Sports Medicine Advisory Committee (SMAC)**

These guidelines provide a default policy to those responsible or sharing duties for making decisions concerning the suspension and restarting of practices and contests based on the presence of lightning or thunder. The preferred sources from which to request such a policy for your facility would include your state high school activities association and the nearest office of the National Weather Service.

### **Proactive Planning**

1. Assign staff to monitor local weather conditions before and during practices and contests.
2. Develop an evacuation plan, including identification of appropriate nearby safe areas.
3. Develop criteria for suspension and resumption of play:
  - a. When thunder is heard or a cloud-to-ground lightning bolt is seen, the leading edge of the thunderstorm is close enough to strike your location with lightning. Suspend play for thirty minutes and take shelter immediately.
  - b. Thirty-minute rule. Once play has been suspended, wait at least 30 minutes after the last thunder is heard or flash of lightning is witnessed prior to resuming play.
  - c. Any subsequent thunder or lightning after the beginning of the 30-minute count will reset the clock and another 30-minute count should begin.
4. Review annually with all administrators, coaches and game personnel.
5. Inform student athletes of the lightning policy at start of season.

For more detailed information, refer to the “Lightning Safety” section contained in the NFHS Sports Medicine Handbook.

### **Revised and Approved October 2014**

**DISCLAIMER – NFHS Position Statements and Guidelines**

The NFHS regularly distributes position statements and guidelines to promote public awareness of certain health and safety-related issues. Such information is neither exhaustive nor necessarily applicable to all circumstances or individuals, and is no substitute for consultation with appropriate health-care professionals. Statutes, codes or environmental conditions may be relevant. NFHS position statements or guidelines should be considered in conjunction with other pertinent materials when taking action or planning care. The NFHS reserves the right to rescind or modify any such document at any time.



**WEST VIRGINIA SECONDARY SCHOOL ACTIVITIES COMMISSION  
2875 STAUNTONTURNPIKE, PARKERSBURG, WV 26104**

**BODY FLUID HANDLING PROCEDURES**

**PURPOSE**

The West Virginia Secondary School Activities Commission has adopted this policy in an effort to minimize the possibility of transmission of any infectious disease during a high school athletic practice or contest. The policy primarily addresses blood-borne pathogens such as Hepatitis B virus and the Human Immunodeficiency Virus (HIV). However, it also discusses common-sense precautions against the spread of less serious contagions such as the Influenza virus and the Common Cold virus.

Much of this policy has been written with contacts sports such as football, wrestling, and basketball in mind. However, it is applicable for all sports.

**BLOOD-BORNE PATHOGENS**

Blood-Borne pathogens such as Hepatitis B and HIV are serious infectious diseases which are present in blood as well as other bodily fluids; such as semen, vaginal secretions and breast milk. While there are a number of other such blood-borne diseases, Hepatitis B and HIV are the most commonly known.

Hepatitis B is a virus which results in a dangerous inflammation of the liver. Its victims suffer long-term consequences and reoccurrences, and the disease can be deadly if not treated. HIV is the virus that causes Acquired Immunodeficiency Syndrome (AIDS), which weakens the immune system, thus making a person susceptible to infections their immune systems would normally fight off.

The precise risk of HIV transmission during exposure of open wounds or mucous membranes such as the eyes, ears, nose, and mouth to contaminated blood is not known. However, evidence would suggest it is extremely low. In fact, the possibility of contracting HIV in this manner is much less than the possibility of contracting Hepatitis B and other blood-borne viral infections.

Therefore, student athletes, coaches, and officials must understand that while it is possible for HIV to be transmitted by blood from one individual to another through an open wound or a mucous membrane, the probability is very low. However, since the chance of this occurring is not zero, the appropriate precautions should be taken to ensure no transmission can occur.

**PRECAUTIONS AGAINST TRANSMISSION OF BLOOD-BORNE PATHOGENS**

The proper handling of body fluid spills should be a concern of teachers, coaches, officials, and student athletes. All concerned individuals must be aware that any time there is blood and/or other body fluids present, there is the possibility of an infectious disease being present. However this possibility can be nearly eliminated if the following precautions are observed.

**General Procedures:**

- 1) Wear latex or vinyl disposable exam gloves before making contact with body fluids during care, treatment, and cleaning procedures.
- 2) Discard gloves after each use.
- 3) Wash hands after handling any body fluids, whether or not gloves are worn.
- 4) Discard disposal items in plastic lined containers with lids. Close bags and discard daily.
- 5) Do not reuse plastic bags.
- 6) Use disposable items to handle body fluids whenever possible.
- 7) Use paper towels to pick up and discard any solid waste materials such as vomitus and feces.

### **Procedures for Activities:**

- 1) All athletes must cover any open wound.
- 2) Student athletes should treat and cover their own wounds whenever possible.
- 3) When administering first aid, disposable rubber gloves should be worn. A different pair of gloves should be worn for each treatment administered.
- 4) If an individual gets someone else's blood on his/her skin, the area should be washed with soap and water and wipe the area with disinfectant, such as isopropyl alcohol.
- 5) If a student athlete begins to bleed during activity, play must be stopped, the student athlete who is injured removed, and any potentially contaminated surfaces cleaned using a disinfectant. The surface should be wiped with clean water.
- 6) Any student athlete that is removed must have the wound covered and the bleeding stopped, prior to returning to contest.
- 7) Any individual who has treated a wound or cleaned a contaminated surface should wash his/her hands with soap and warm water.
- 8) A student athlete should take a shower using a liberal amount of soap and warm water following the contest.
- 9) Towels, which are used by athletes, coaches, or officials should not be used to clean off any potentially contaminated surfaces.
- 10) All soiled linens such as towels and uniforms should be washed in hot water and in a detergent containing bleach, if possible.
- 11) If a coach or an official gets blood on them they should first wash the area with warm water and soap, and then wipe the area with a disinfectant such as isopropyl alcohol.
- 12) All coaches, athletes, and officials should practice good hygiene. Towels, cups, and water bottles should not be shared.
- 13) Keeping locker rooms and other areas well ventilated and clean can also help in preventing other air-borne contagions from being transmitted.

### **REFERENCES**

St. Joseph's Hospital, Sports Medicine Staff, Parkersburg, WV.  
West Virginia Chapter of the American Academy of Family Physicians, Sports Medicine Committee.  
"Blood-Borne Pathogens in the Health Care of the Athlete," The First Aider, Fall 1992, Vol. 62, No.1.  
"Infectious Disease Policy of the Florida High School Activities Association." 8-8-92.  
"Routine for Handling Body Fluids," Michigan High School Association.

### **Policy Adopted by the Board of Directors**



## Concussion Course Required

All **Coaches** are required to take the free course “Concussion in Sports” annually.

If the **Coach** took the course last year, he/she **MUST** take the course again before they are permitted to coach.

You must go through the purchase/checkout process for the free course in order to get credit for the current year and to be able to print the certificate.

All **New Coaches** must take the course now. Follow the directions “**New to NFHS Learn? Register Now**” on [www.nfhslearn.com](http://www.nfhslearn.com)

# Concussion in Sports - What You Need to Know Ordering Information at [www.nfhslearn.com](http://www.nfhslearn.com)



### Steps to access the FREE course:

1. Go to [www.nfhslearn.com](http://www.nfhslearn.com)
2. Sign in with your e-mail and password if you have previously registered.
3. If you need to register, it will only take a couple of minutes. All users at [www.nfhslearn.com](http://www.nfhslearn.com) must be registered with a unique e-mail address and password.
4. Toward the upper left-hand part of the screen , you will see the “Click to Access This Free Course” for “**Concussion in Sports — What You Need to Know.**”
5. You can order licenses as an individual to take the course yourself OR you can purchase courses in bulk if you intend to distribute the courses to others (there is a limit of 99 licenses per any one order).
6. Note: You will need to click on “Save” once you have put the course(s) in your cart and before you can proceed to Checkout.
7. As you go through the process you will see that you are using the “purchasing process” that is standard for NFHS Coach Education courses. You are not being charged anything for the Concussion courses. You do have the ability to order other courses at the same time, and you will be asked for payment for those.
8. You can then start the course if you ordered as an individual or begin distributing the licenses if you ordered in bulk.
9. If necessary, refer to the form regarding distributing bulk licenses. It can be found in the Locker Room at [www.nfhslearn.com](http://www.nfhslearn.com).

**The online concussion course is offered at no cost to the user.** Once you have finished, you will be added to the database as having completed the course. The name of the individual completing the course will appear in the “Coach Search” feature as having completed this course along with any other courses completed at [www.nfhslearn.com](http://www.nfhslearn.com).



# WVSSAC

## Return to Play (RTP) Protocol

An athlete removed from a contest that shows signs/symptoms of a concussion shall be immediately evaluated by an appropriate health care professional. If no appropriate health care professional is available, the athlete shall not be allowed to RTP.

When the athlete is evaluated by the appropriate health care professional, if it is determined the athlete has suffered a concussion, the athlete shall not be permitted to RTP the same day as the concussion. If it is determined by the appropriate health care professional that the athlete did not suffer a concussion, the athlete may be returned to play as deemed appropriate by the health care professional.

RTP shall be delayed until athlete is asymptomatic and has undergone a progression of tests to determine if they are able to RTP. **Each step / test in the progression takes 24 hours (1 per day).**

The progression shall follow: (Neuro-cognitive testing is strongly recommended.)

- No activity with complete physical and cognitive rest
- Light aerobic exercise (less than 70% of maximum heart rate)
- Sport specific exercise (drills specific to the athlete's sport)
- Non-contact training drills (more intense sport drills with no contact from other players)
- Full participation practice (following written medical clearance)
- Return to Play (normal game play)

If any symptoms occur during the progression, the athlete should drop back to the previous level and try to complete that level after 24 hour rest period.

## Appropriate Health Care Professional

**Note: Any of the following who have appropriate training in the evaluation and management of head injuries.**

- Medical Doctor (MD)
- Doctor of Osteopathy (DO)
- Doctor of Chiropractic (DC)
- Advanced Registered Nurse Practitioner (ARNP)
- Physician Assistant (PA-C)
- Registered Certified Athletic Trainers (ATC/R)

Approved Board of Directors 5/06/10. Revised 2016

rk:Sports Medicine/Return to Play



**Requirements for 2017-18 NFHS free course “Sudden Cardiac Arrest”** is required for all coaches to complete one time. Also, all coaches are required to complete the NFHS free course **“Heat Illness Prevention”** one time. Schools are to maintain appropriate records.

**WEST VIRGINIA SECONDARY SCHOOL ACTIVITIES COMMISSION  
WVSSAC Sports Medicine Committee**

**Heat Acclimatization and Heat Illness Prevention Position Statement**

Although deaths from heat illness are rare, constant surveillance and education of our student athletes and coaches is necessary in order to maintain the safety and health of our students and coaches. Students participating in high-intensity, long-duration or repeated same-day sports practices and training activities during times of high heat and/or humidity may be at risk.

Following the recommended guidelines and procedures as established by the WVSSAC Sports Medicine Committee can reduce the risk and incidence of heat illnesses and the resulting deaths and injuries in high and middle school athletics. The Sports Medicine Committee and WVSSAC Board of Directors recognize the importance of our coaches and other individuals responsible for supervising our students. They have the ultimate responsibility for the health and welfare of those students under their care.

It is strongly recommended that each member school have a written Emergency Action Plan for practice and games to deal with emergencies related to injury or illness to a student athlete. The plan should include involvement of local rescue agencies, medical doctors, hospitals and local law enforcement agencies.

National Federation of State  
High School Associations



**EAS**  
SPORTS NUTRITION

# Heat Illness Prevention

Exertional heat stroke is the leading cause of preventable death in high school athletics. Exertional heat stroke also results in thousands of emergency room visits and hospitalizations throughout the nation each year. This free course, brought to you by EAS Sports Nutrition, a division of Abbott Labs, is designed to give you the critical information you need to minimize the risk of exertional heat stroke among your athletes. The course presents seven fundamentals, which when followed, will minimize heat related illnesses of the students who participate.

## Course Objectives

- Recognize that Exertional Heatstroke (EHS) is the leading preventable cause of death among athletes
- Know the importance of a formal pre-season heat acclimatization plan
- Know the importance of having and implementing a specific hydration plan, keeping your athletes well-hydrated, and providing ample opportunities for, and encouraging, regular fluid replacement

## Units

- Fundamentals
  1. Start Slow, Then Progress
  2. Allow for Individual Conditioning
  3. Adjust Intensity and Rest
  4. Start Sessions Adequately Hydrated
  5. Recognize Signs Early
  6. Recognize More Serious Signs
  7. Have an Emergency Action Plan

## More

- Unlimited access to course & resources for one year from date of purchase
- FREE Course
- Use as an elective to fulfill  certification requirements
- Approved by NFHS for 1 course clock hour

More Information at [nfhslearn.com](http://nfhslearn.com)!

# HEAT INDEX (apparent temperature)

°F	RELATIVE PERCENT HUMIDITY								
	40%	45%	50%	55%	60%	65%	70%	75%	80%
102°	114°	119°	124°	130°	137°				
100°	109°	114°	118°	124°	129°	136°			
98°	105°	109°	113°	117°	123°	128°	134°		
96°	101°	104°	108°	112°	116°	121°	126°	132°	
94°	97°	100°	102°	106°	110°	114°	119°	124°	129°
92°	94°	96°	99°	101°	105°	108°	112°	116°	121°
90°	91°	93°	95°	97°	100°	103°	106°	109°	113°
88°	88°	89°	91°	93°	95°	98°	100°	103°	106°
86°	85°	87°	88°	89°	91°	93°	95°	97°	100°
84°	83°	84°	85°	86°	88°	89°	90°	92°	94°
82°	81°	82°	83°	84°	84°	85°	86°	88°	89°
80°	80°	80°	81°	81°	82°	82°	83°	84°	84°

CAUTION
  EXTREME CAUTION
  DANGER

Source: National Weather Service

STA

- 91 degrees Heat Index or under
- All Sports:
  - Provide ample amounts of water. This means that water should always be available and athletes should be able to take in as much water as they desire.
  - Optional water breaks every 30 minutes.
  - Ice-down towels for cooling.
  - Watch/monitor athletes carefully for necessary action.

- 92 degrees to 103 degrees Heat Index
- All Sports:
  - See above plus; Contact sports and activities with additional equipment (ie), helmets and other possible equipment removed if not involved in contact.
  - Increase water breaks; a minimum every 30 minutes.
  - Reduce time of outside activity. Consider postponing practice to later in the day.
  - \*Re-check temperature and humidity every 30 minutes to monitor for increased Heat Index.

- 104 degrees to 125 degrees Heat Index
- All Sports:
  - Same as above plus; Alter uniform by removing items if possible.
  - Allow for changes to dry t-shirts and shorts.
  - Reduce time of outside activity as well as indoor activity if air conditioning is unavailable.
  - Postpone practice to later in the day.
  - Suspend practice, or remove equipment and decrease practice intensity for sports and activities where additional equipment is required for contact or safety.

- **Above 125 degrees Heat Index**
- All Sports:
  - ***Suspend all outside activity in practice and/or play, and stop all inside activity if air conditioning is unavailable.***
  - **Re-evaluate before resuming activities.**





# W V S S A C

## SUDDEN CARDIAC ARREST AWARENESS



All coaches are required to complete the NFHS Sudden Cardiac Arrest Awareness course one time.

### What is Sudden Cardiac Arrest?

- Occurs suddenly and often without warning.
- An electrical malfunction (short-circuit) causes the bottom chambers of the heart (ventricles) to beat dangerously fast (ventricular tachycardia or fibrillation) and disrupts the pumping ability of the heart.
- The heart cannot pump blood to the brain, lungs and other organs of the body.
- The person loses consciousness (passes out) and has no pulse.
- Death occurs within minutes if not treated immediately.

### What are the symptoms/warning signs of Sudden Cardiac Arrest?

- SCA should be suspected in any athlete who has collapsed and is unresponsive
- Fainting, a seizure, or convulsions during physical activity
- Dizziness or lightheadedness during physical activity
- Unusual fatigue/weakness
- Chest pain
- Shortness of breath
- Nausea/vomiting
- Palpitations (heart is beating unusually fast or skipping beats)
- Family history of sudden cardiac arrest at age <50

**ANY of these symptoms/warning signs may necessitate further evaluation from your physician before returning to practice or a game.**

### What causes Sudden Cardiac Arrest?

- Conditions present at birth (inherited and non-inherited heart abnormalities)
- A blow to the chest (Commotio Cordis)
- An infection/inflammation of the heart, usually caused by a virus. (Myocarditis)
- Recreational/Performance-Enhancing drug use.
- Other cardiac & medical conditions / Unknown causes. (Obesity/Idiopathic)

### What are ways to screen for Sudden Cardiac Arrest?

- The American Heart Association recommends a pre-participation history and physical which is mandatory annually in West Virginia.
- Always answer the heart history questions on the student Health History section of the WVSSAC Physical Form completely and honestly.
- Additional screening may be necessary at the recommendation of a physician.

### What is the treatment for Sudden Cardiac Arrest?

- Act immediately; time is critical to increase survival rate
- Activate emergency action plan
- Call 911
- Begin CPR
- Use Automated External Defibrillator (AED)

### Where can one find additional information?

- Contact your primary health care provider
- American Heart Association ([www.heart.org](http://www.heart.org))